**Table S8** Specificity and coverage of primers qBRA1295F and qBRA1420R using the SILVA database SSU r138 Ref NR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Primer** | **Sequence (5’- 3’)** | **Coverage of *Bradymonadales*** | **Non-target hits** | **Amplicon length (bp)** |
| qBRA1295F | CTCAGTWCGGATYGYAGTCTG | 66/235（28%） | 6 | 148 |
| qBRA1420R | GTCACYGACTTCTGGAGCAARYG |